

2385

DEPARTMENT OF THE AIR FORCE



Dept of Nuclear Medicine (Col McIndoe)

1 February 1974

Investigative Proposal and Amendment of AEC By-Product Material License

ATC/SG  
Randolph AFB TX 78148

Hq USAF/SGPR  
Washington DC 70314

Hq AFLC/SGPR (USAF Radioisotope Committee)  
Wright-Patterson AFB OH 45433

IN TURN

1. Request that our By-Product Material License #23-01002-02 be amended to include the investigational use of Ytterbium (Yb-169) DTPA for radionuclide cisternography. The Yb-169 is chelated with the calcium trisodium salt of diethylenetriamine-pentaacetic acid (liquid) (IND #9110). The isotope will be supplied by the 3-M Company, Nuclear Product Division. The maximum possession limit requested is 25 millicuries.
2. The protocol for the investigation is the AEC #2623, a copy of which is attached for reference. Only patients with relatively normal kidney function will be included in the study. The study will include 25-50 patients, with an expected completion date of July 1975.
3. Supporting documentation of qualifications are included as attachments. Data is already on file with the AEC relating to qualifications of Colonel Darrell W. McIndoe and to departmental resources/equipment.
4. The study will be conducted under the auspices of the 3-M Company under FDA-IND #9410.

STEPHEN J. RUDOLPH, JR., Col, USAF, MC  
Chairman, Clinical Radioisotope Committee

1 Atch  
Protocol

AIR1.941130.061BA

*Prepare the Plan*